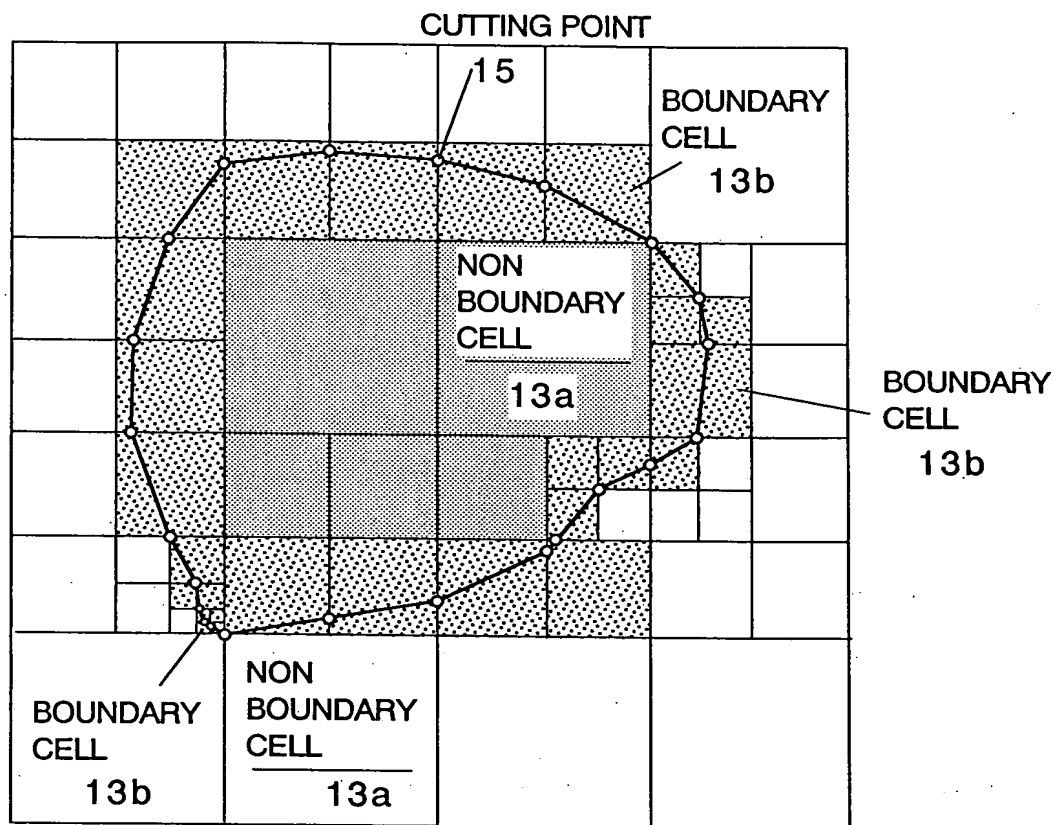
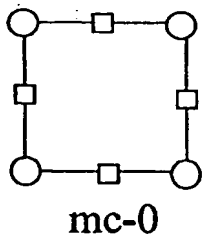
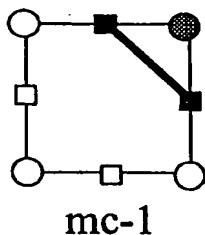
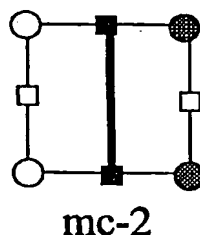
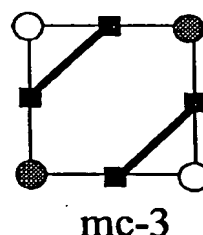
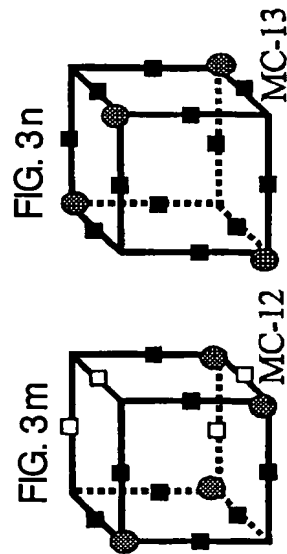
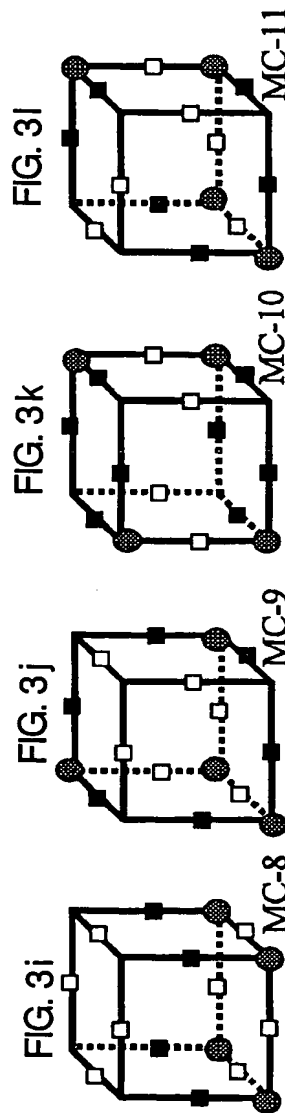
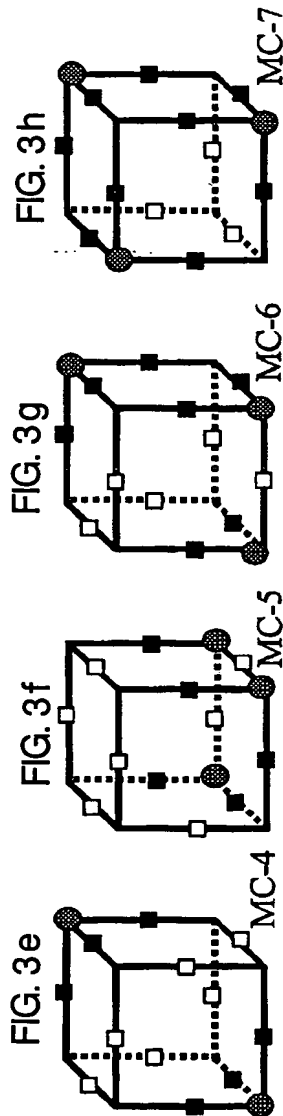
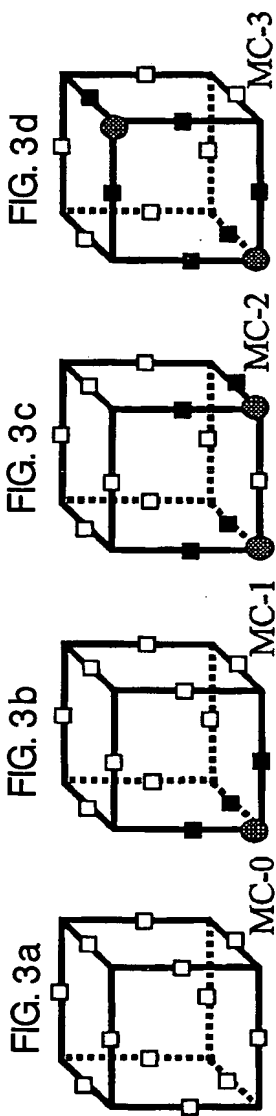


FIG. 1

FIG. 2a
PRIOR ARTFIG. 2b
PRIOR ARTFIG. 2c
PRIOR ARTFIG. 2d
PRIOR ART



PRIOR ART

FIG. 4a

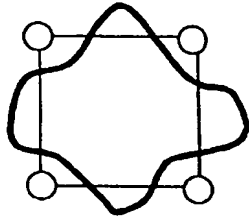


FIG. 4b

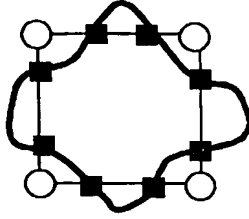


FIG. 4c

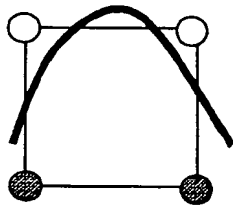
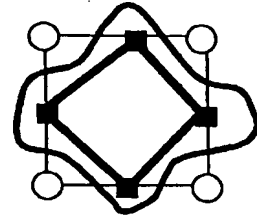


FIG. 4d

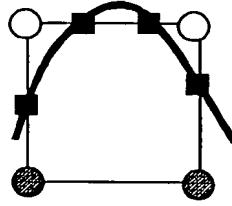


FIG. 4e

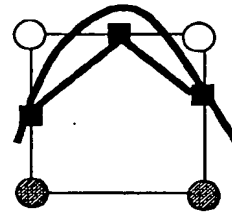


FIG. 4f

2D-KTC

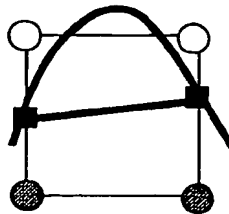
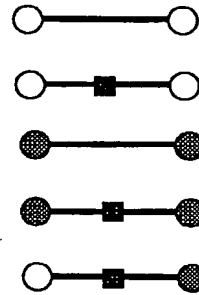


FIG. 4g

2D-MC

FIG. 5b



(KTC)

BROAD-SENSE

CONDITION THAT NUMBER
OF CUTTING POINTS ON
ONE EDGE IS AT MOST ONE

FIG. 6

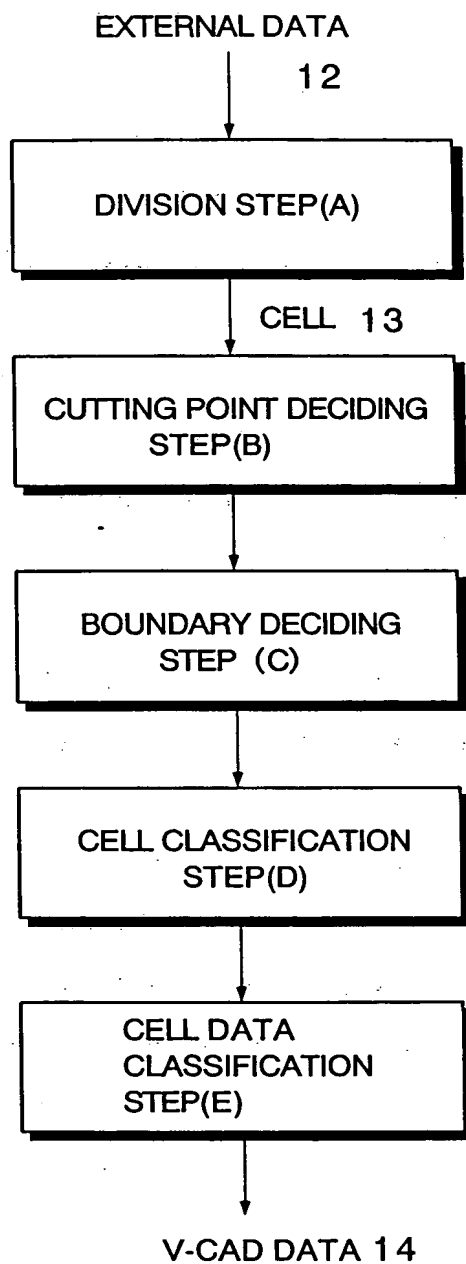


FIG. 7a

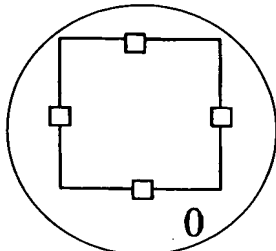


FIG. 7b

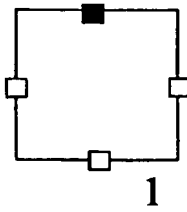


FIG. 7c

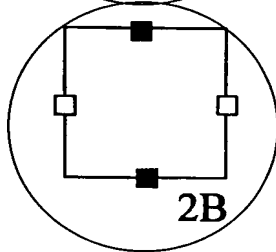
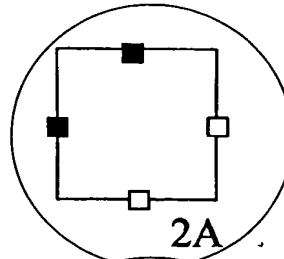


FIG. 7d

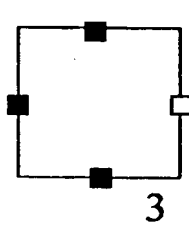


FIG. 7e

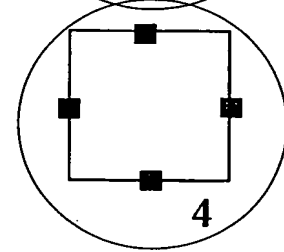


FIG. 7f

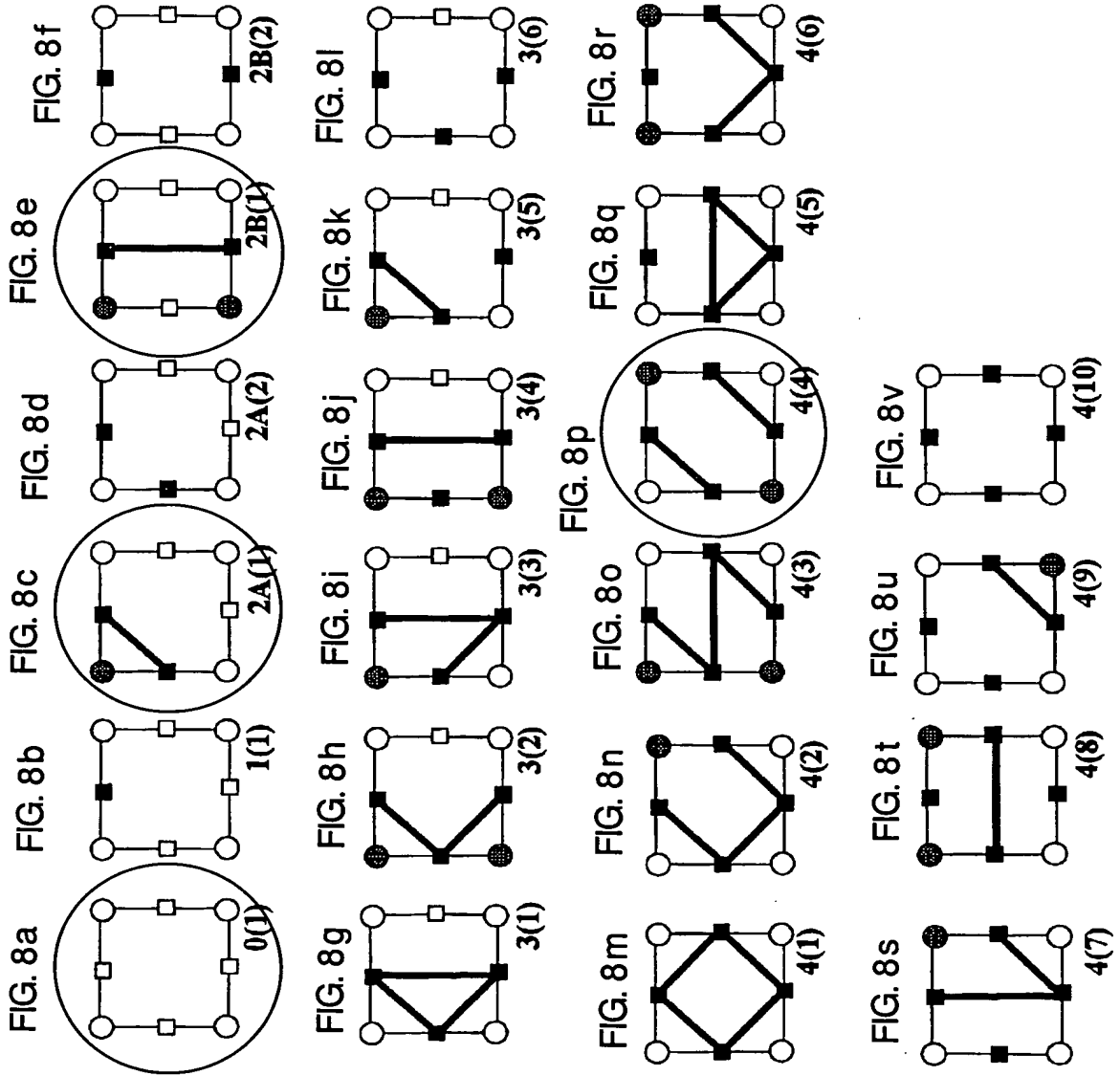
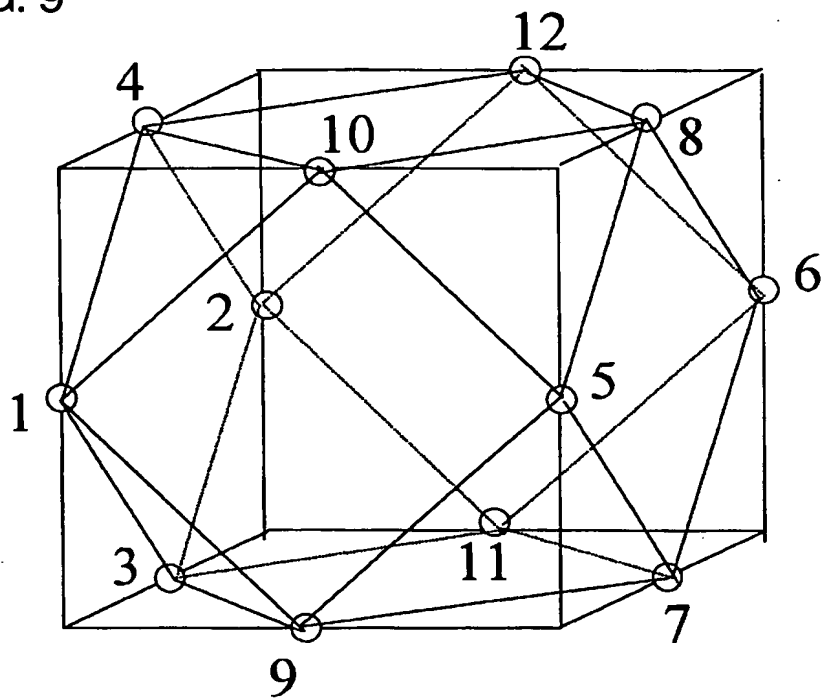
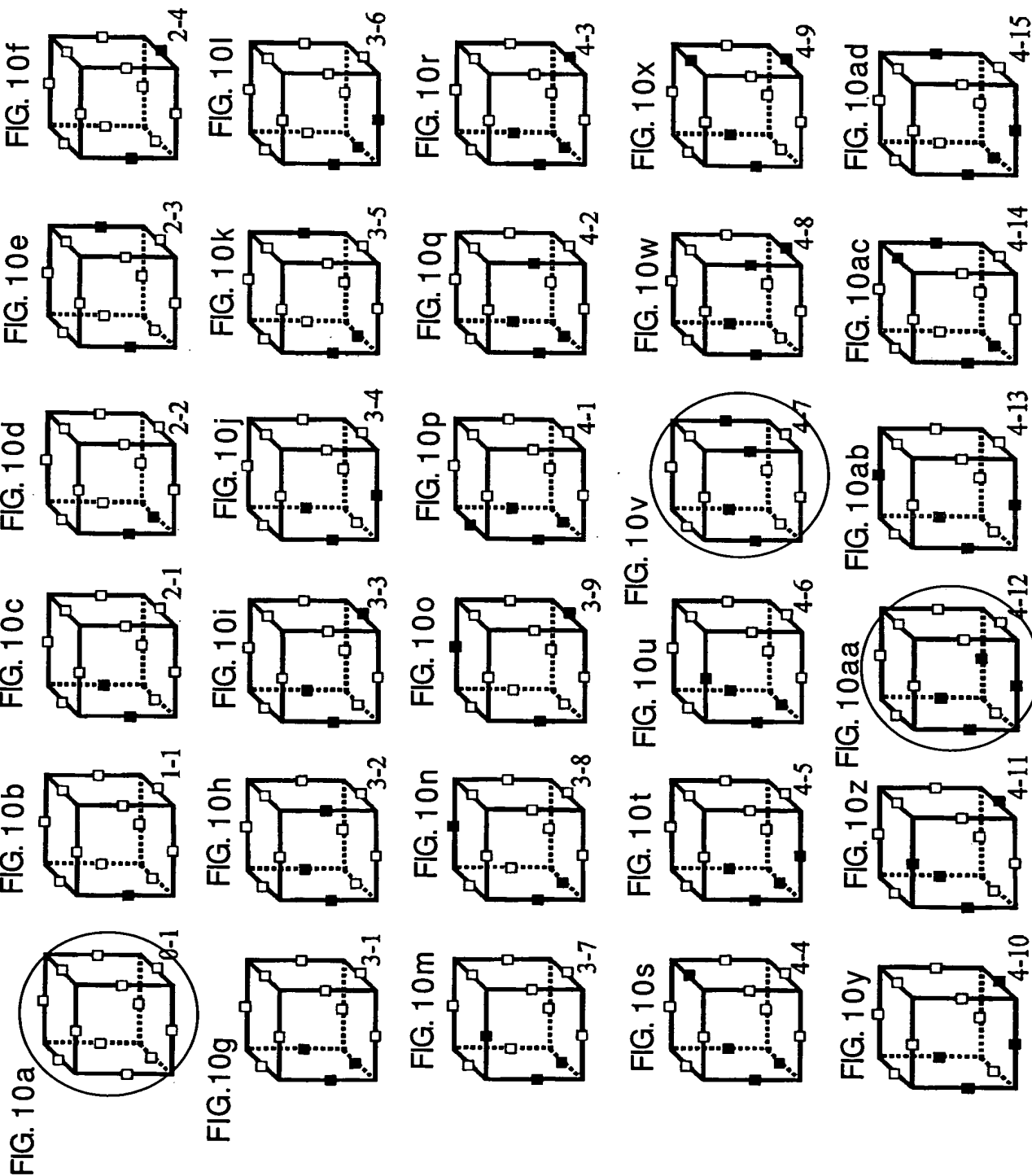
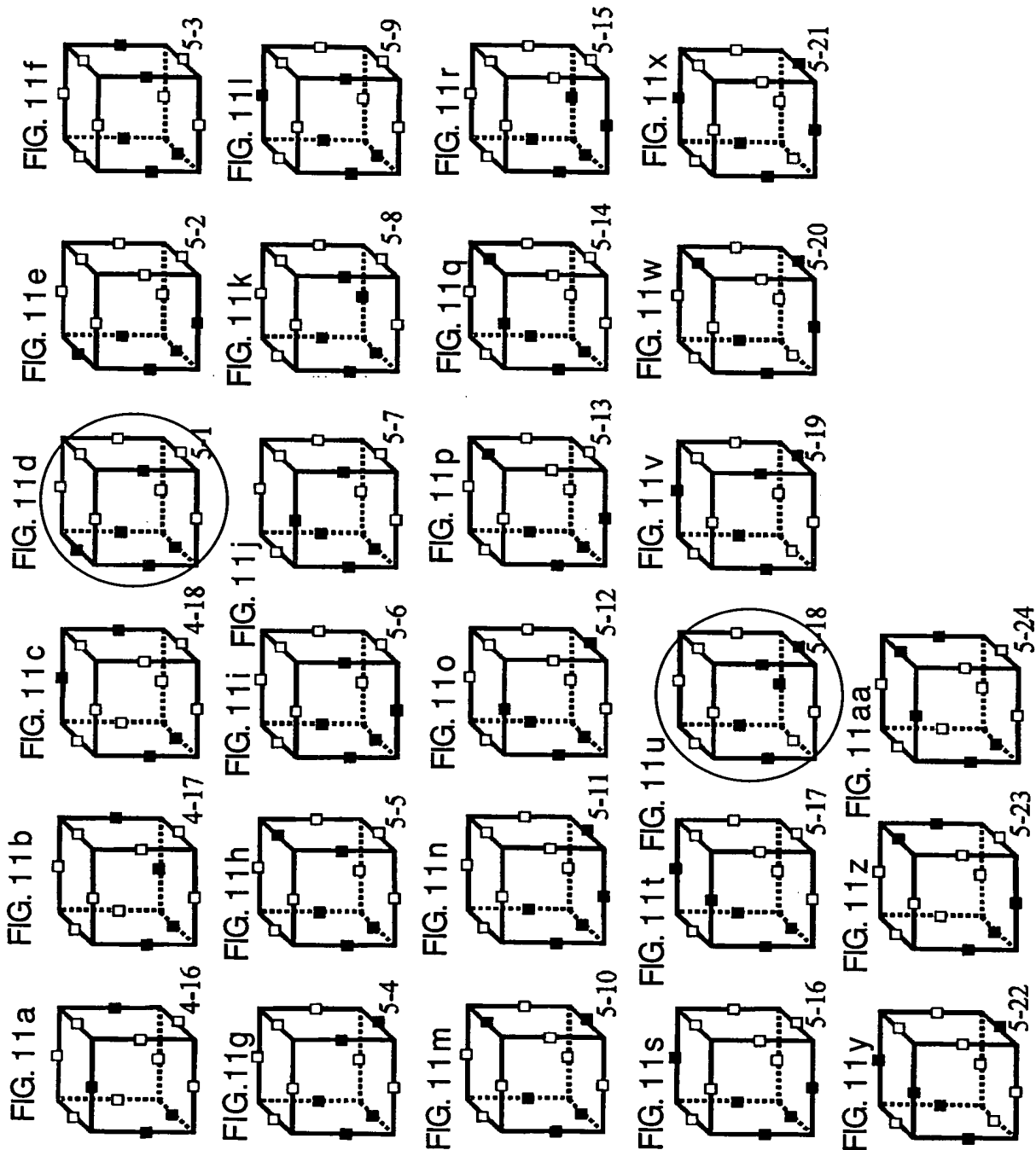


FIG. 9







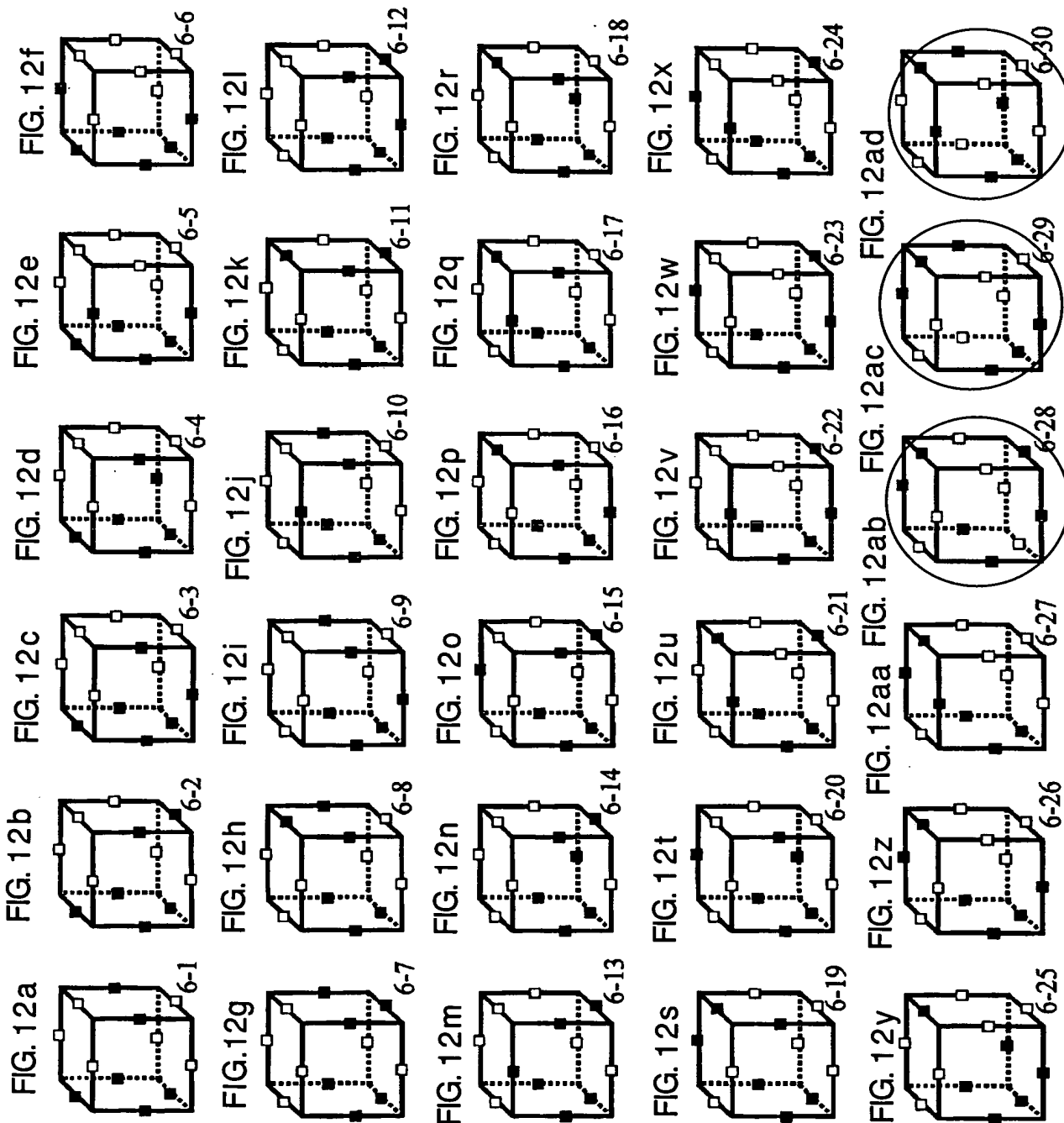


FIG. 13

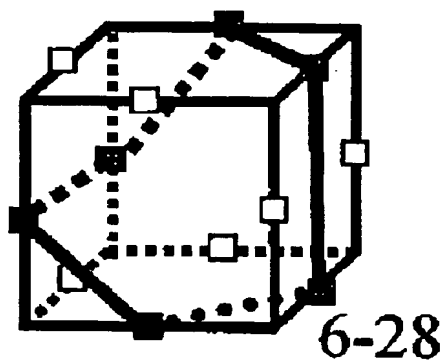
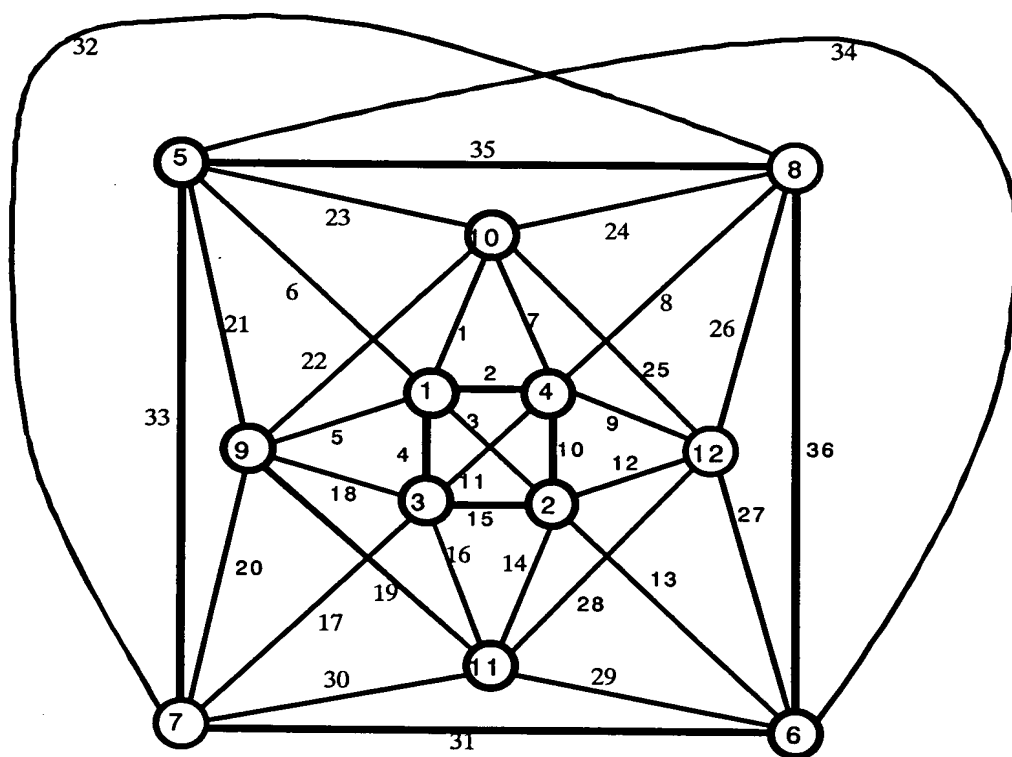


FIG. 14



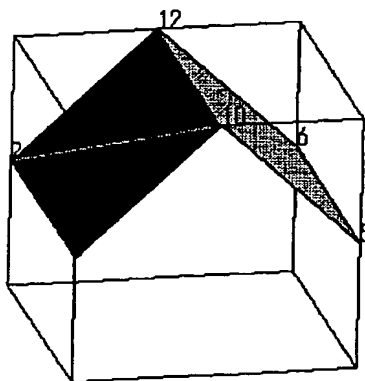


FIG. 16d

BEST AVAILABLE COPY

FIG. 17

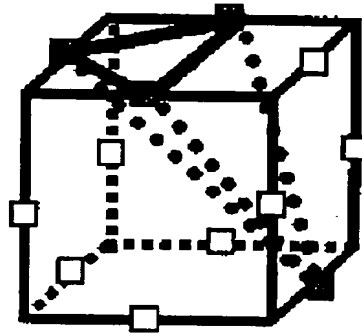


FIG. 18a

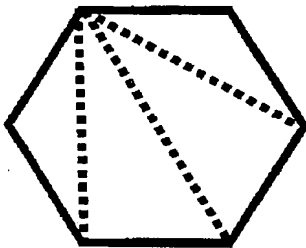


FIG. 18b

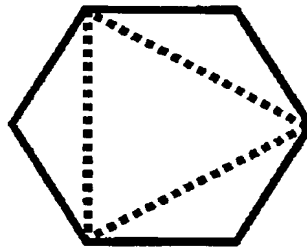


FIG. 18c

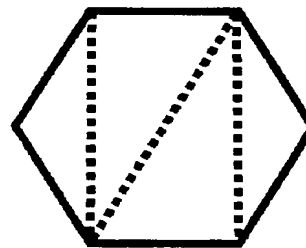


FIG. 19a

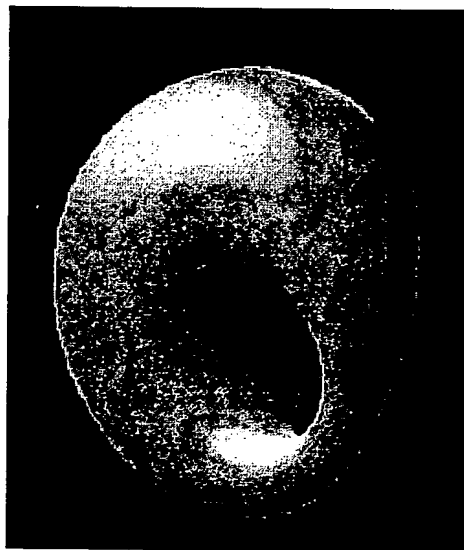


FIG. 19b

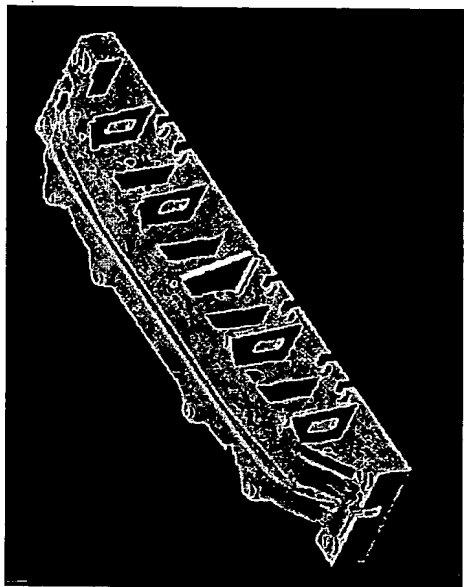
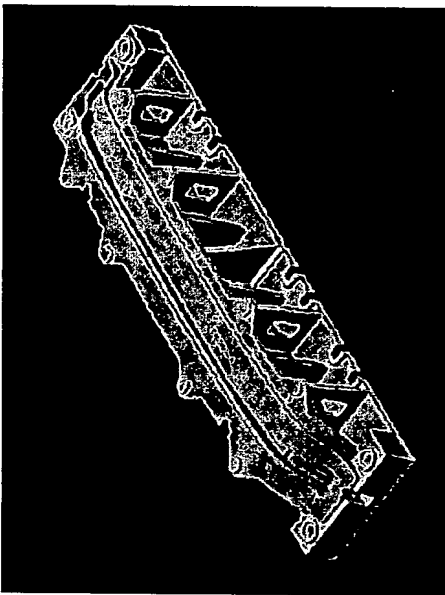


FIG. 19c



FIG. 19d



Reconstruction using partitions of the closed loop type.
B-rep data: (a) A cyclide surface, (b) A die from TSUBAMEX.
Reconstructions with partitions inside (c) 64*64*64 cells and (d) 512*512*512 cells.

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